



FEMA



Prepared by
Brian Hoeth

FEMA Region 6 Weather Threat Briefing

Thursday April 15, 2021

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh

Summary of the Upcoming Week



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- **Severe storms expected today across west-central TX with isolated severe storms possible for much of the rest of TX into S LA and SW OK today. Hail is the main threat.**
- **Heavy rain/flash flooding threat continues across Central/S LA today, and for much of LA on Friday.**
- **Isolated severe storms for Central/E TX into LA with isolated heavy rain/flash flooding possible for E TX, SE OK, & S AR.**
- **Critical fire weather conditions for NM/Far W TX today and elevated fire weather conditions for W TX tomorrow.**

FEMA Region 6 Threat Matrix

Apr 15, 2021 - Apr 19, 2021



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DAY / THREAT	Thu	Fri	Sat	Sun	Mon
Severe Storms	west-central TX	Central/E TX, LA			
	TX, S LA, SW OK				
Heavy Rain / Flash Flooding	Central/S LA	LA			
		E TX, SE OK, S AR			
Fire Weather	NM, Far W TX	W TX			
Winds					
Winter Weather					
River Flooding	LA	LA	LA	LA	LA
	AR	AR	AR	AR	AR

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

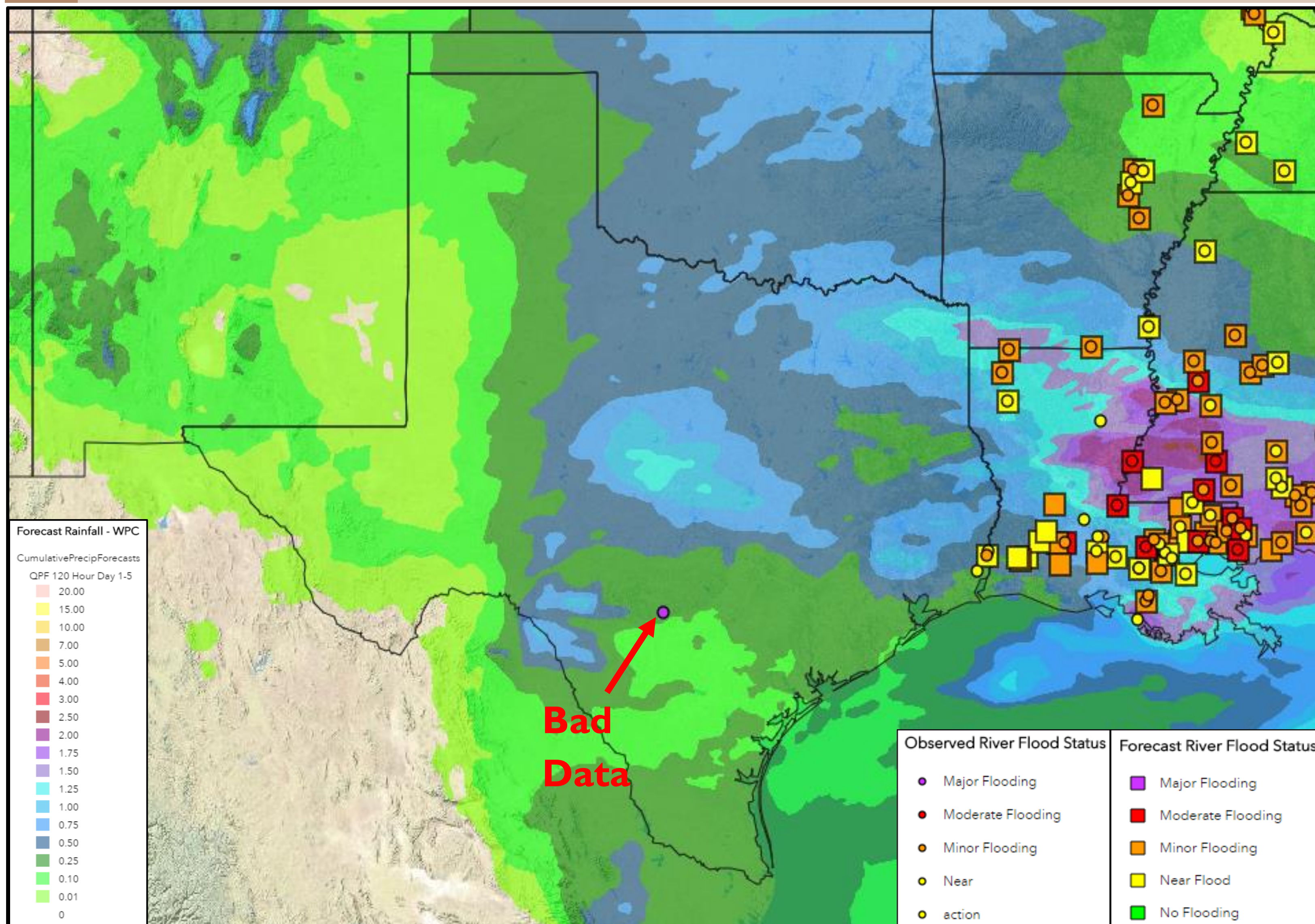
For more details on the colors in the threat matrix refer to the last slide in this briefing.

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



The Mississippi River at Red River Landing, LA is in moderate flood. River islands will be inundated, recreational camps and river bottom land will be underwater. Water approaches Angola farm land.

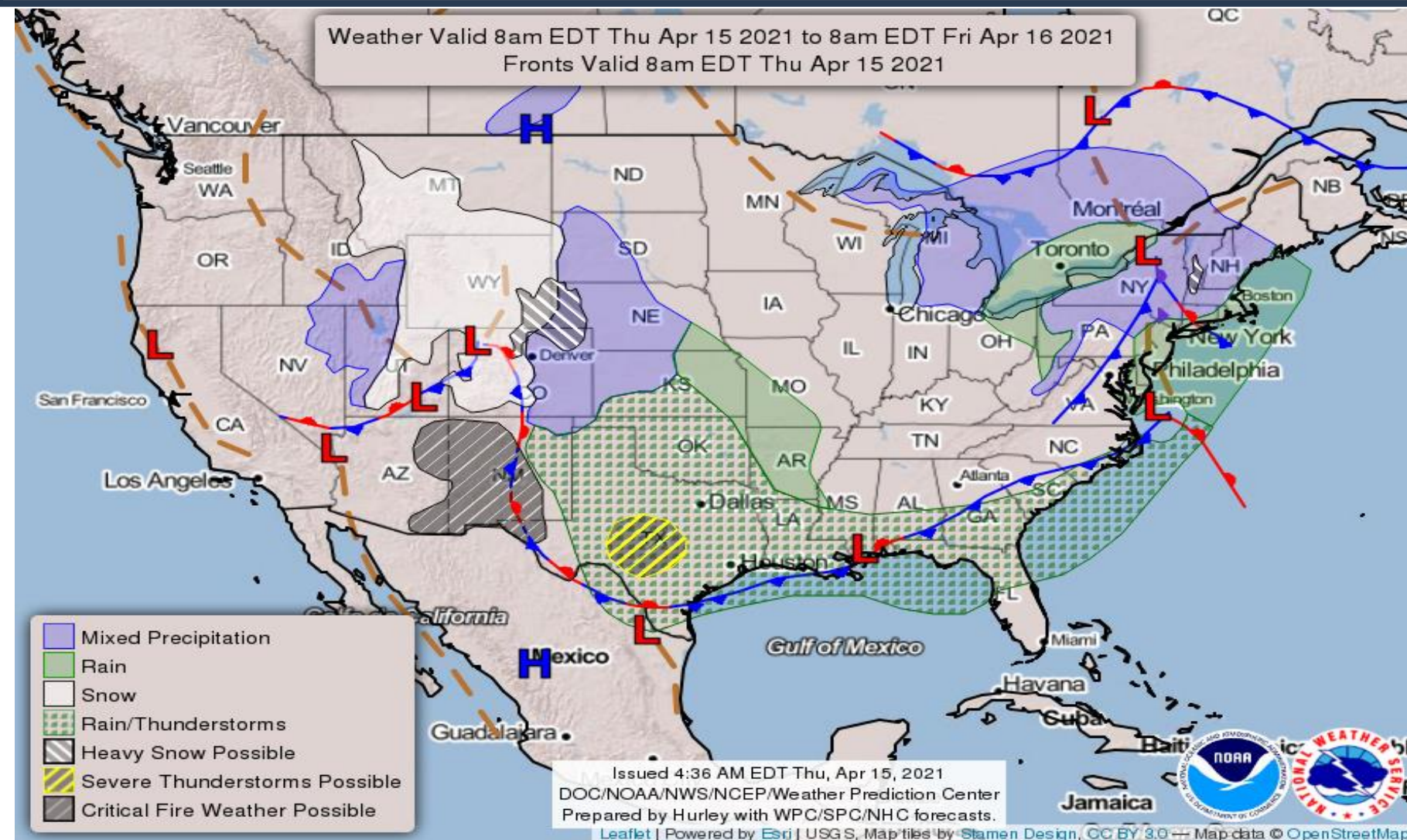
The MS River near Baton Rouge, LA is near moderate flood stage, river traffic and industrial activity on the river side of the levees will be greatly affected. Rainfall this week will cause additional minor to moderate river flooding across SE LA.

Minor river flooding continues across portions of LA and AR with impacts to secondary roads and agricultural/recreational areas.

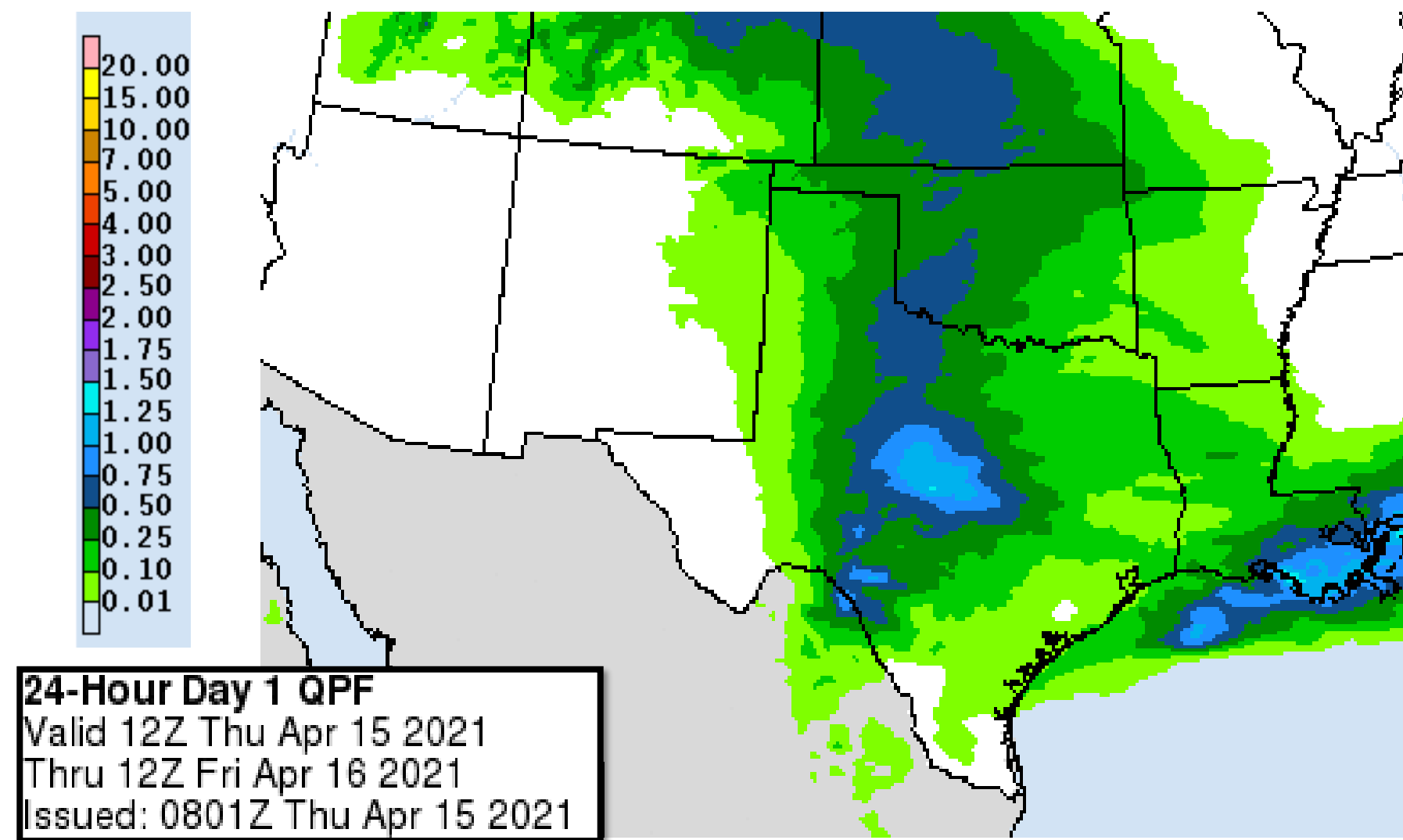
Additional flooding is possible in S LA due to forecast rainfall.

Today's Weather

Forecast Chart



Forecast Rainfall

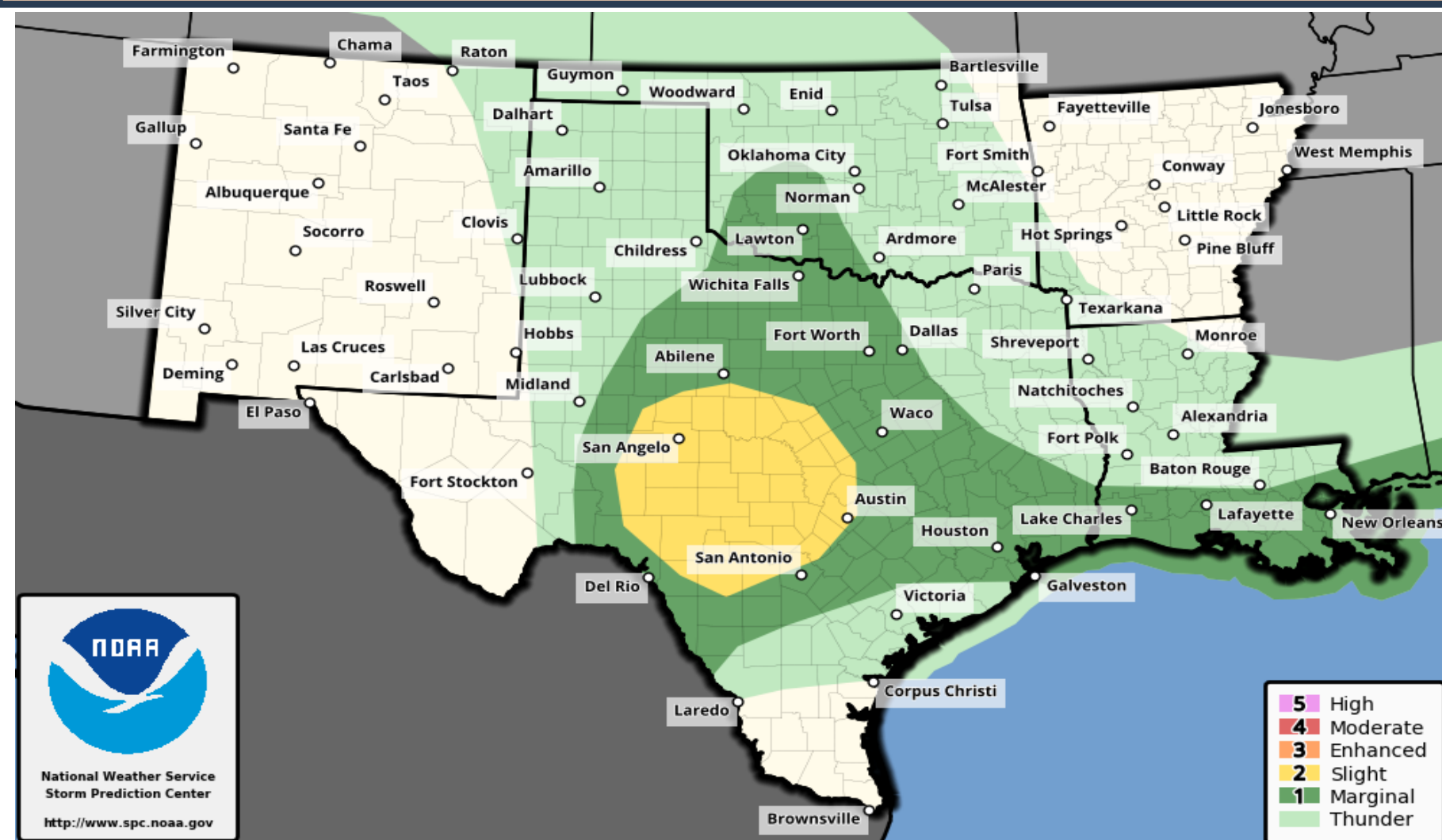


Severe storms are expected today across west-central TX. Large hail is the main threat.

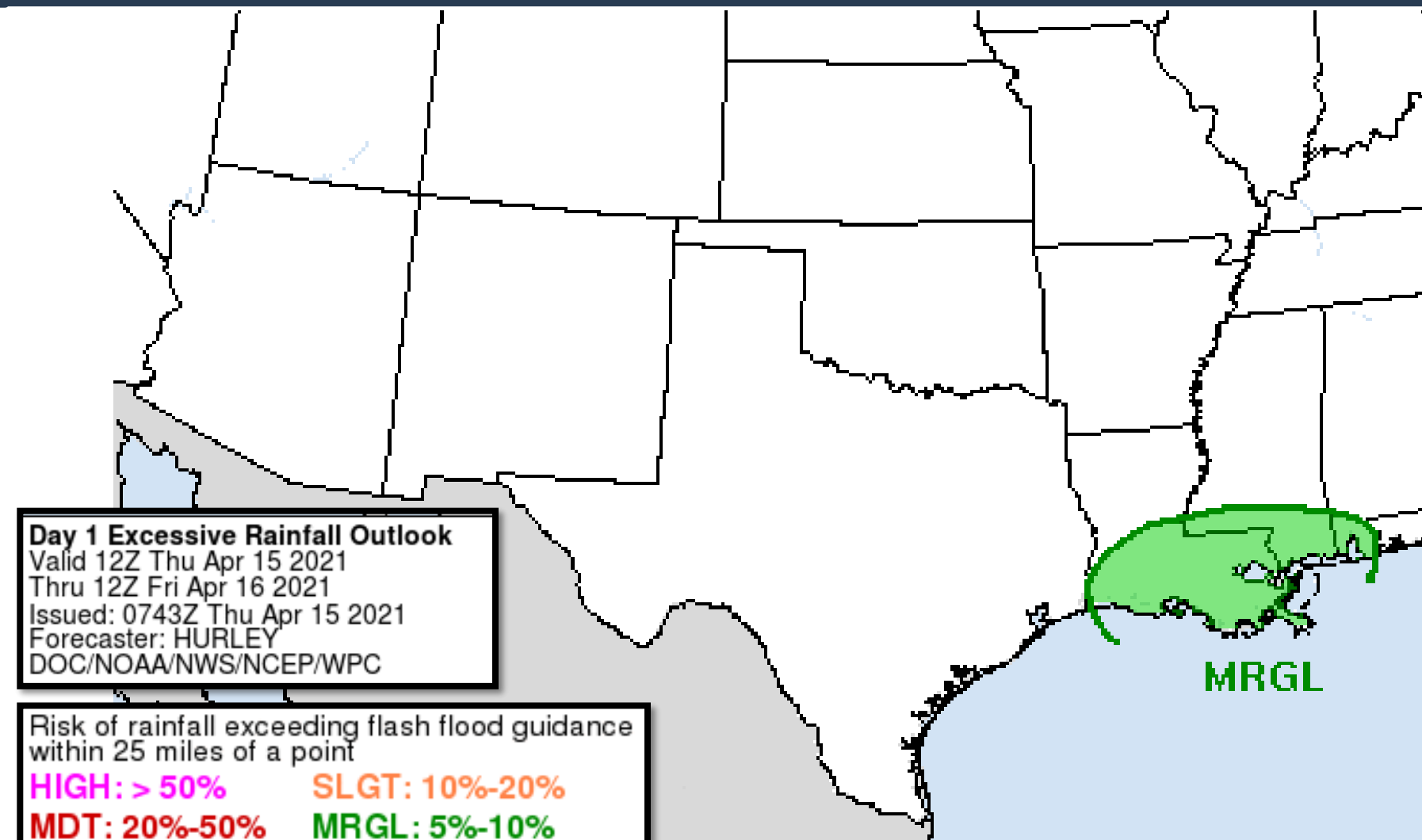
Isolated strong to severe storms possible across much of the rest of TX into S LA and SW OK.

Isolated heavy rain/flash flooding possible for central and southern portions of LA.

Severe Weather Outlook



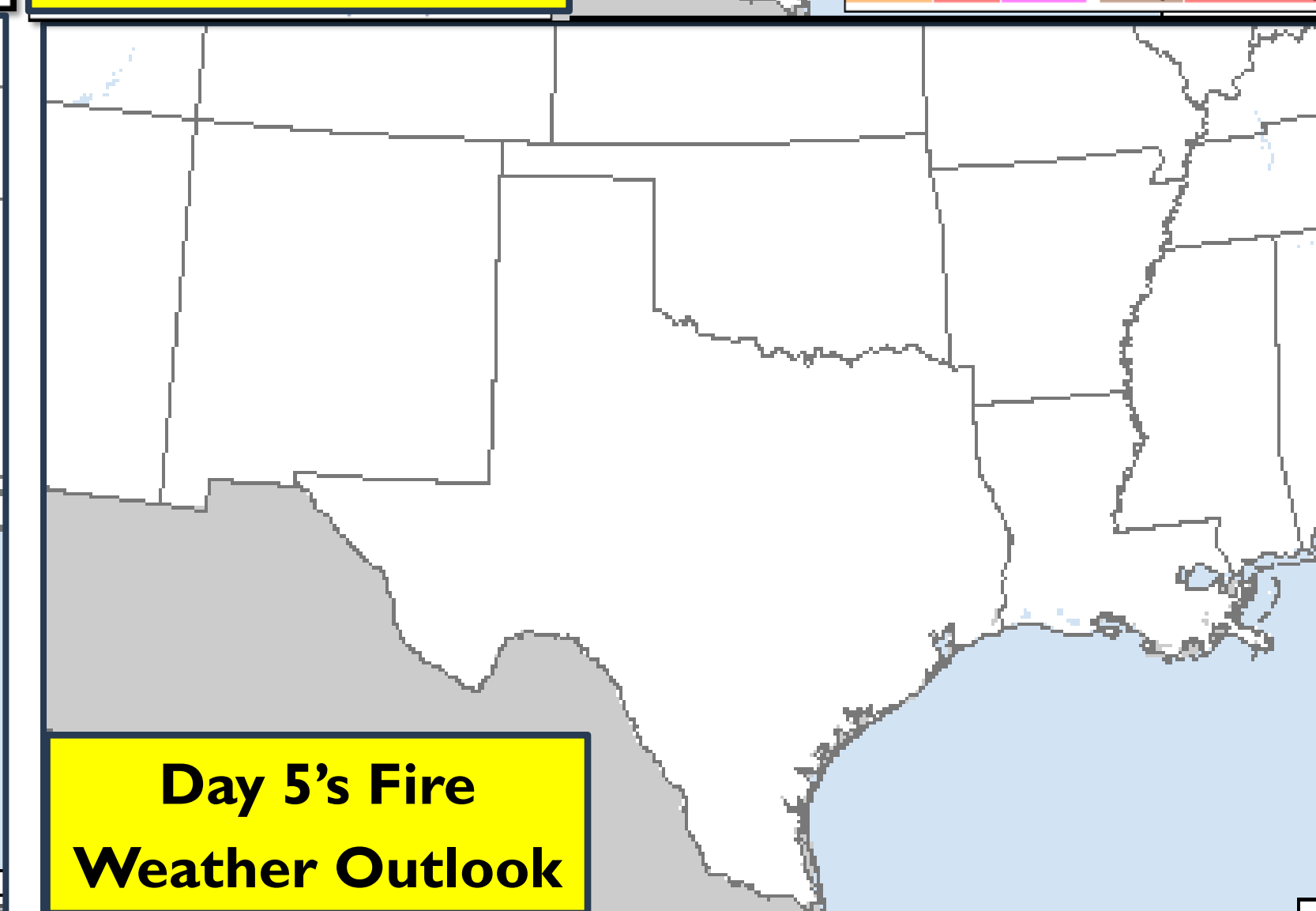
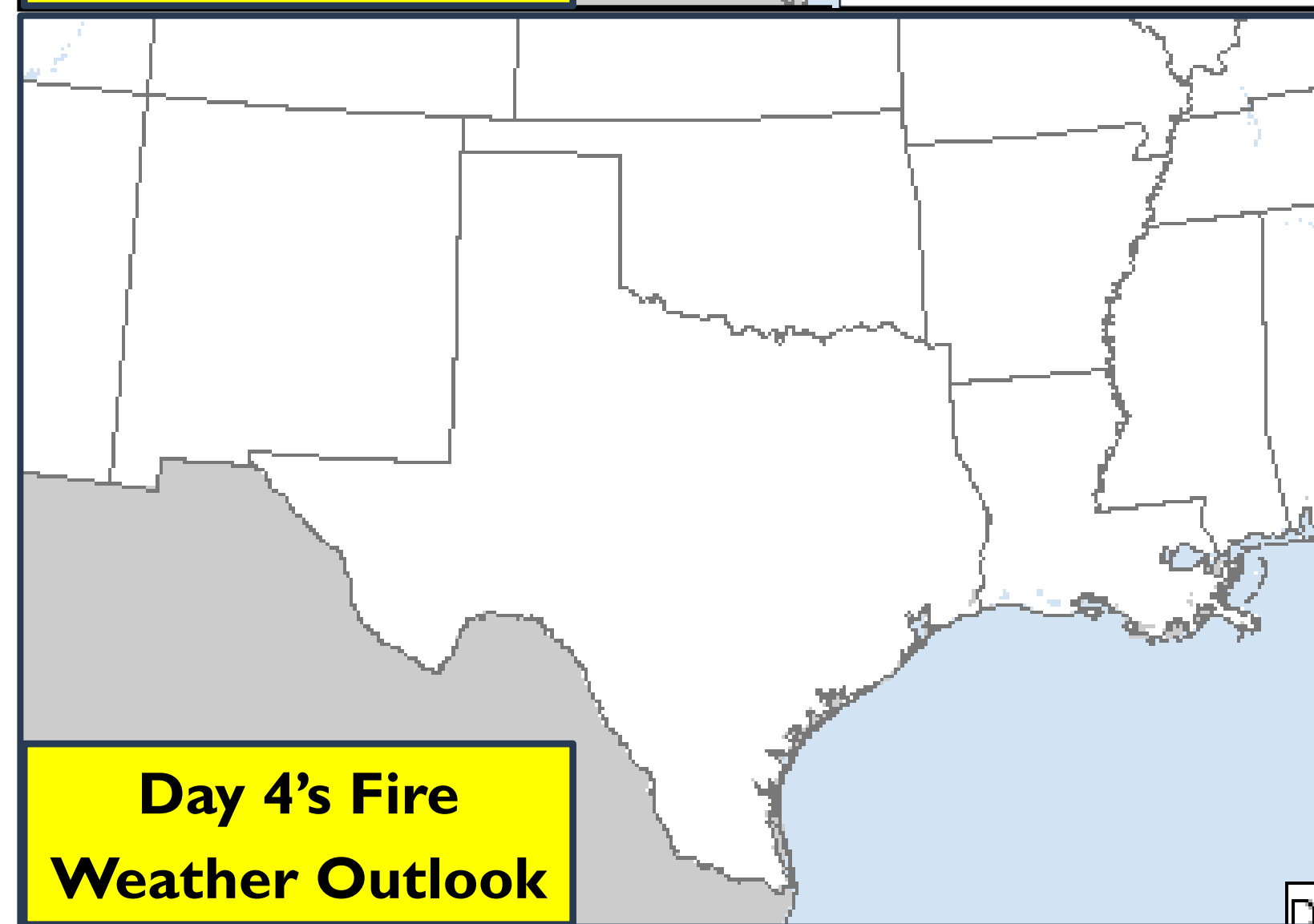
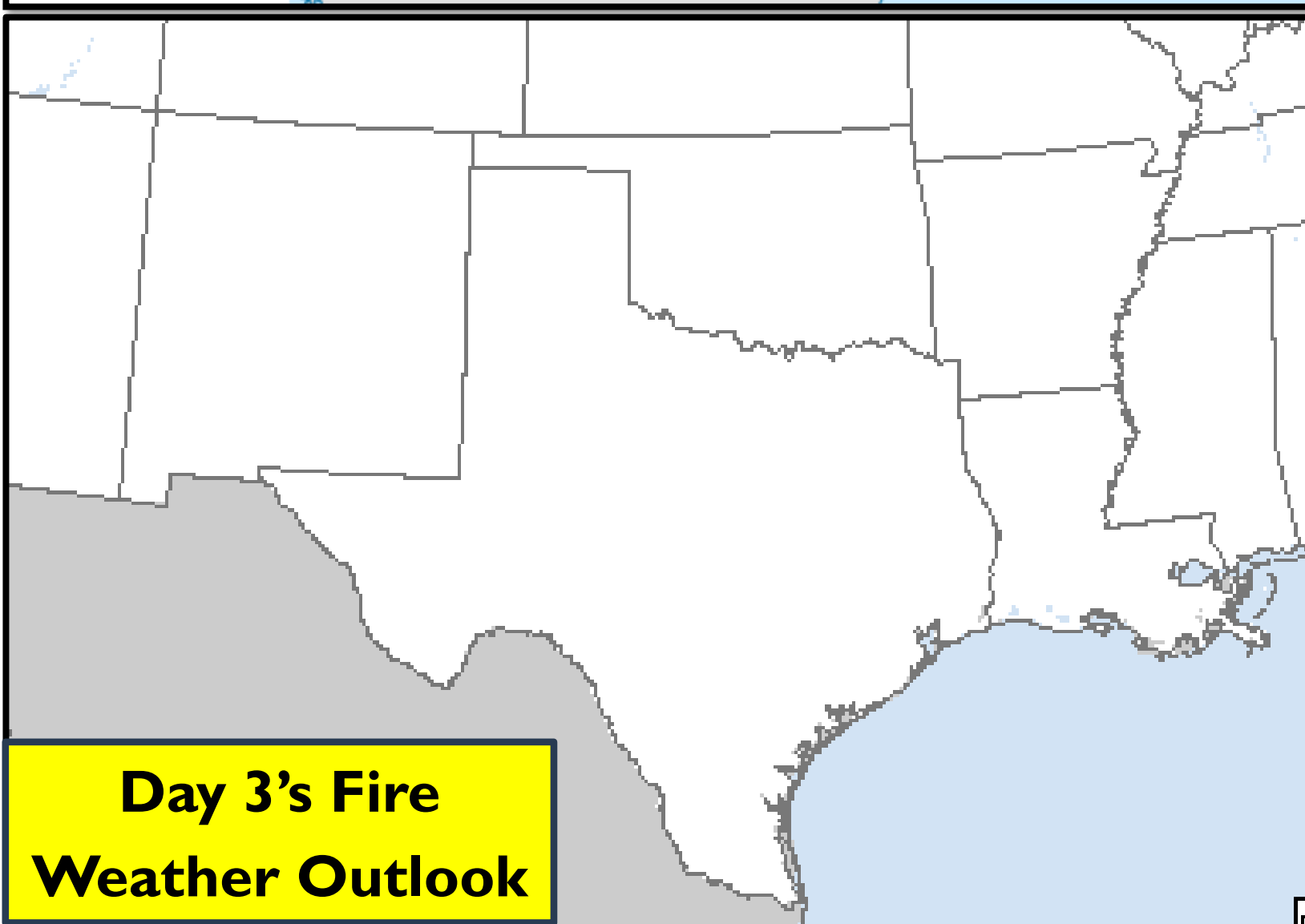
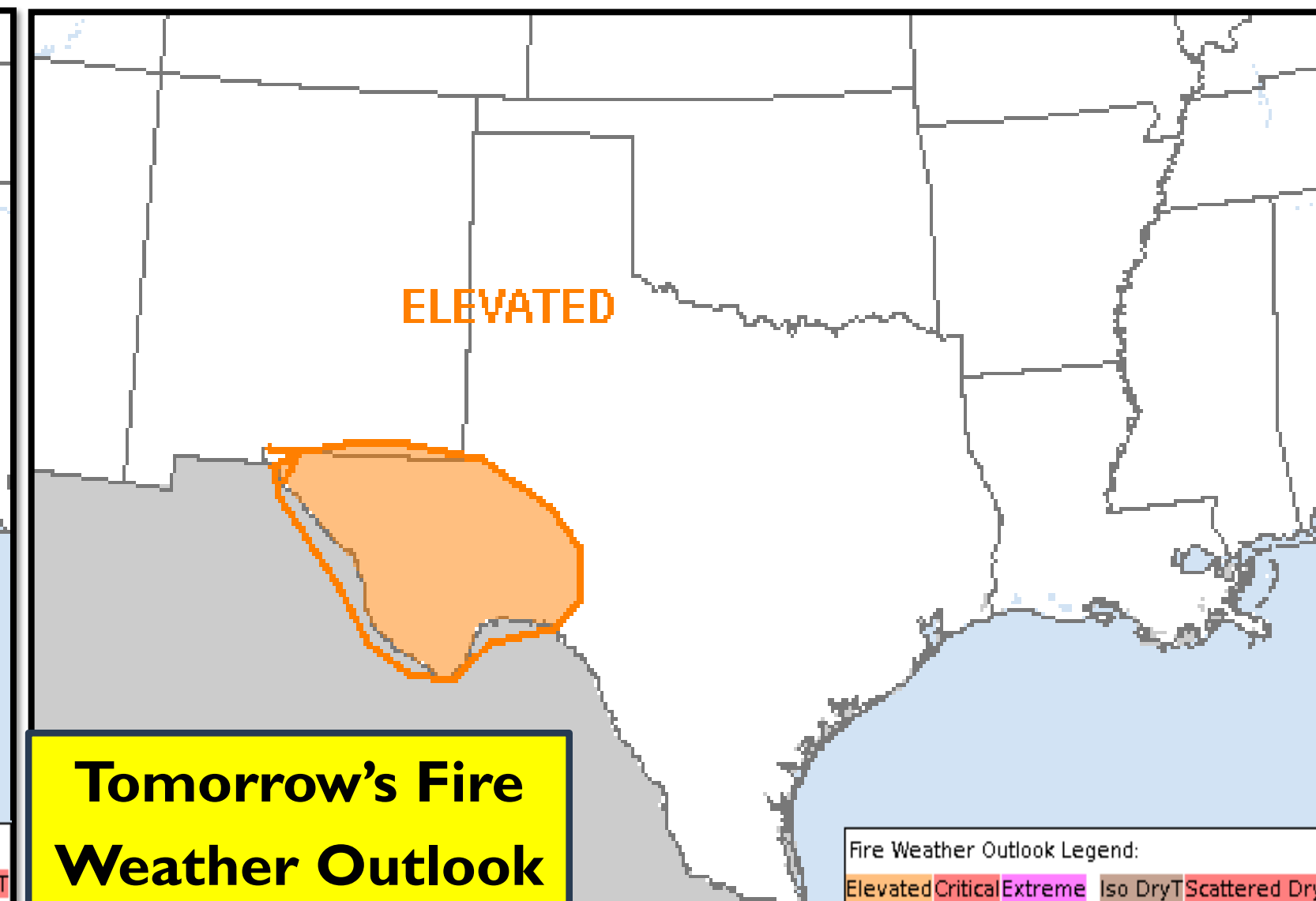
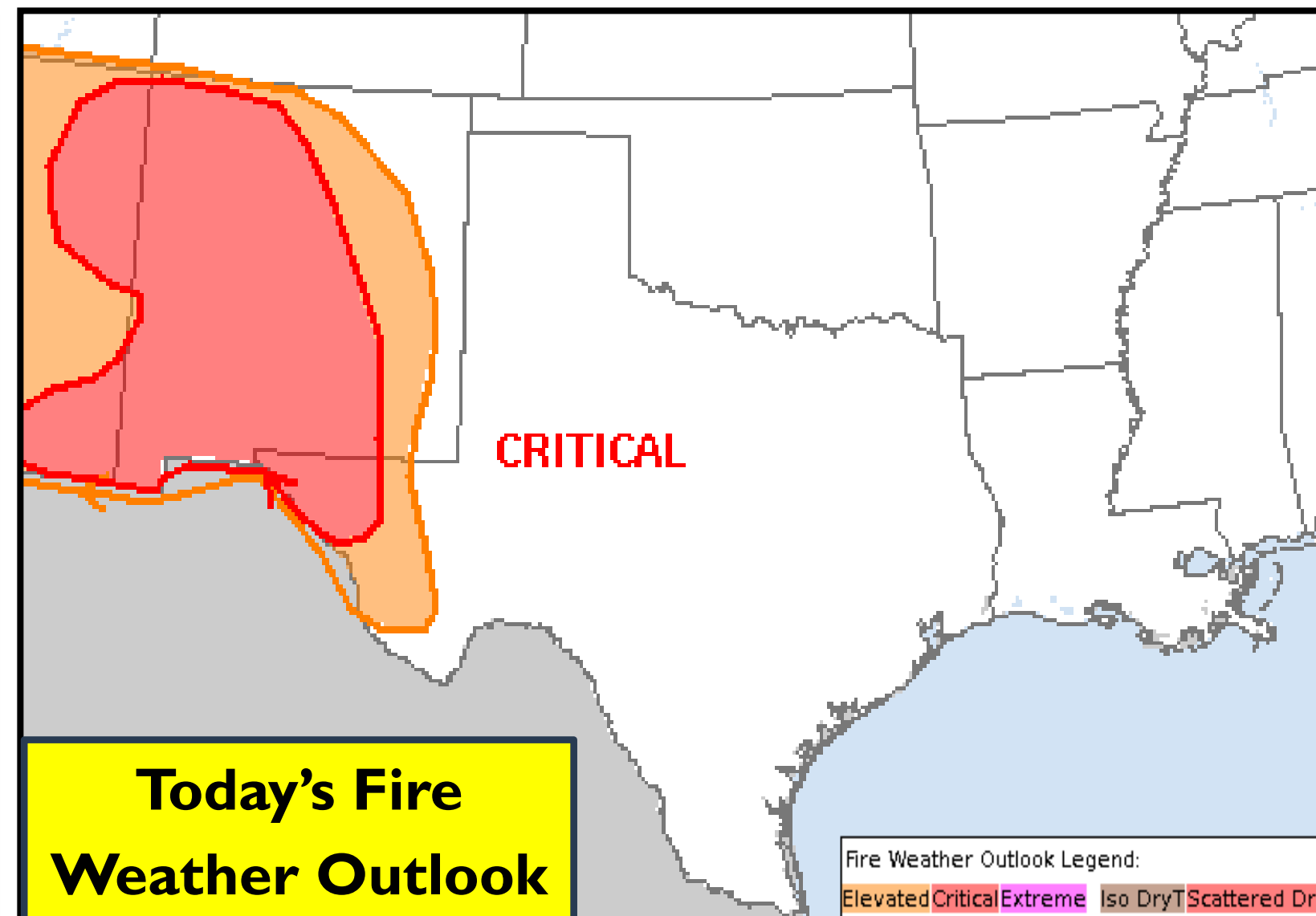
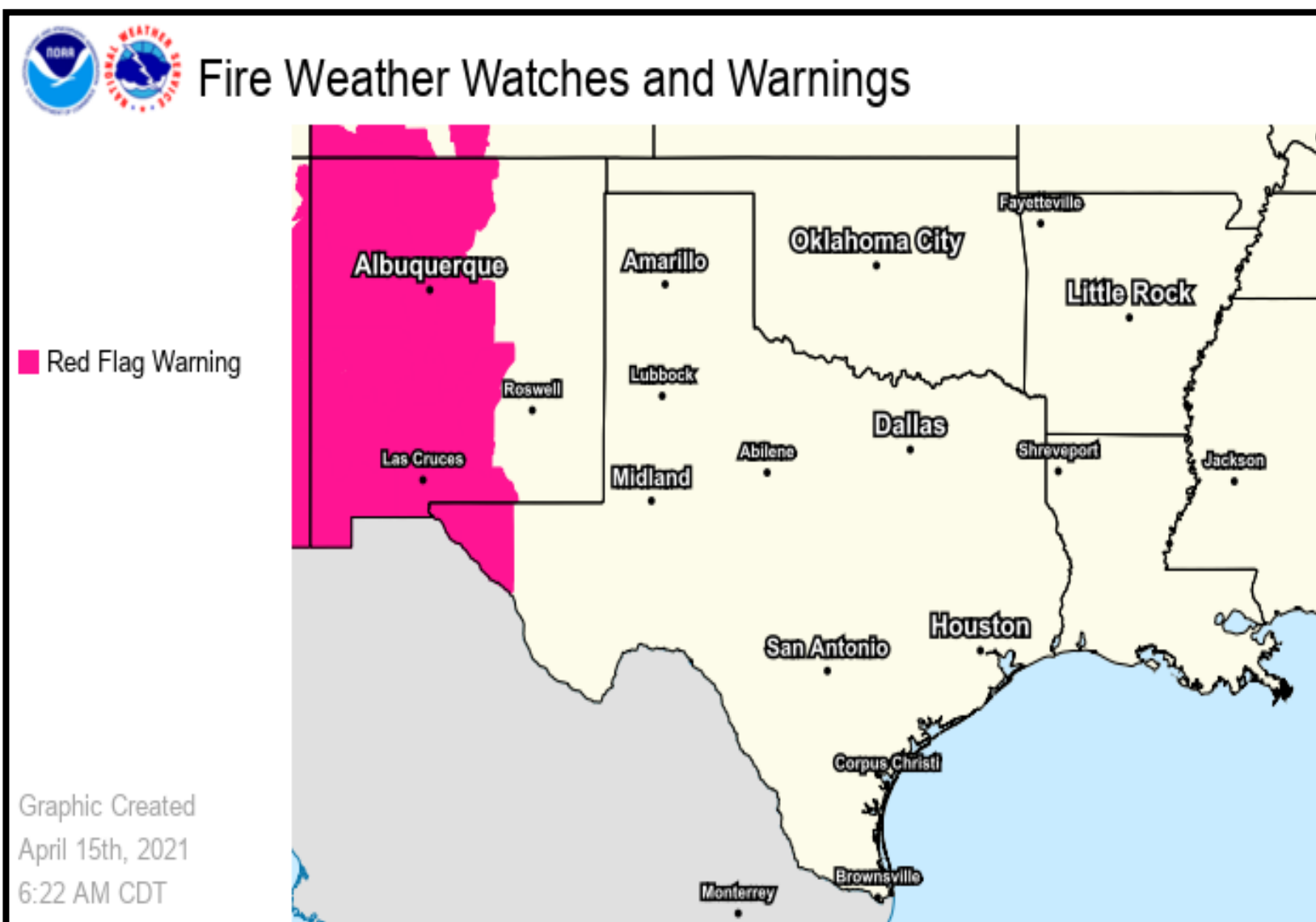
Excessive Rainfall Outlook



Fire Weather Outlooks



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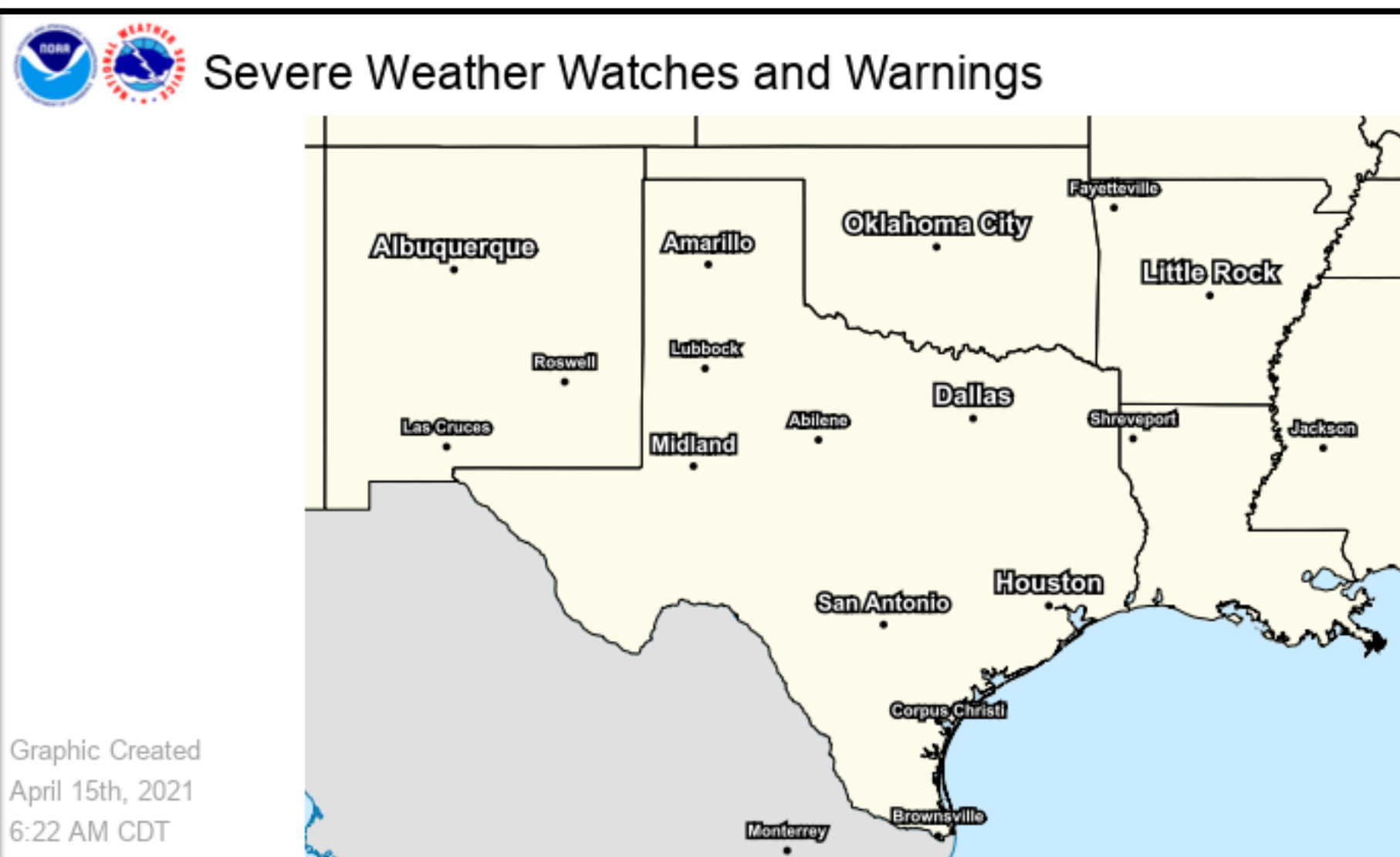


Watches, Warnings, and Advisories

Wind, Severe, Winter, and Flood Hazards



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Flash flood watch in effect through Thursday morning for SE LA.

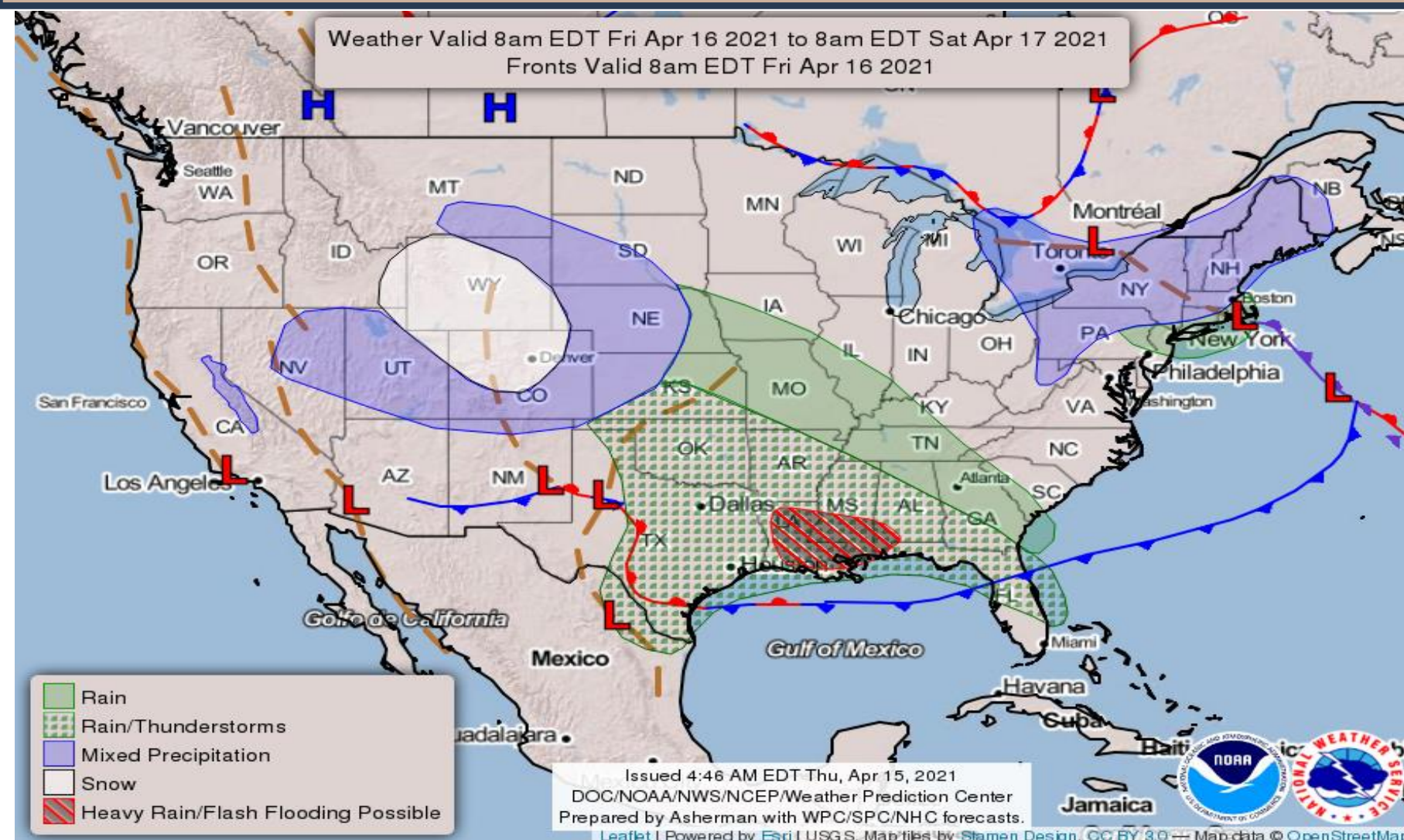
Wind advisory in effect through this evening for much of NM.

Tomorrow's Weather

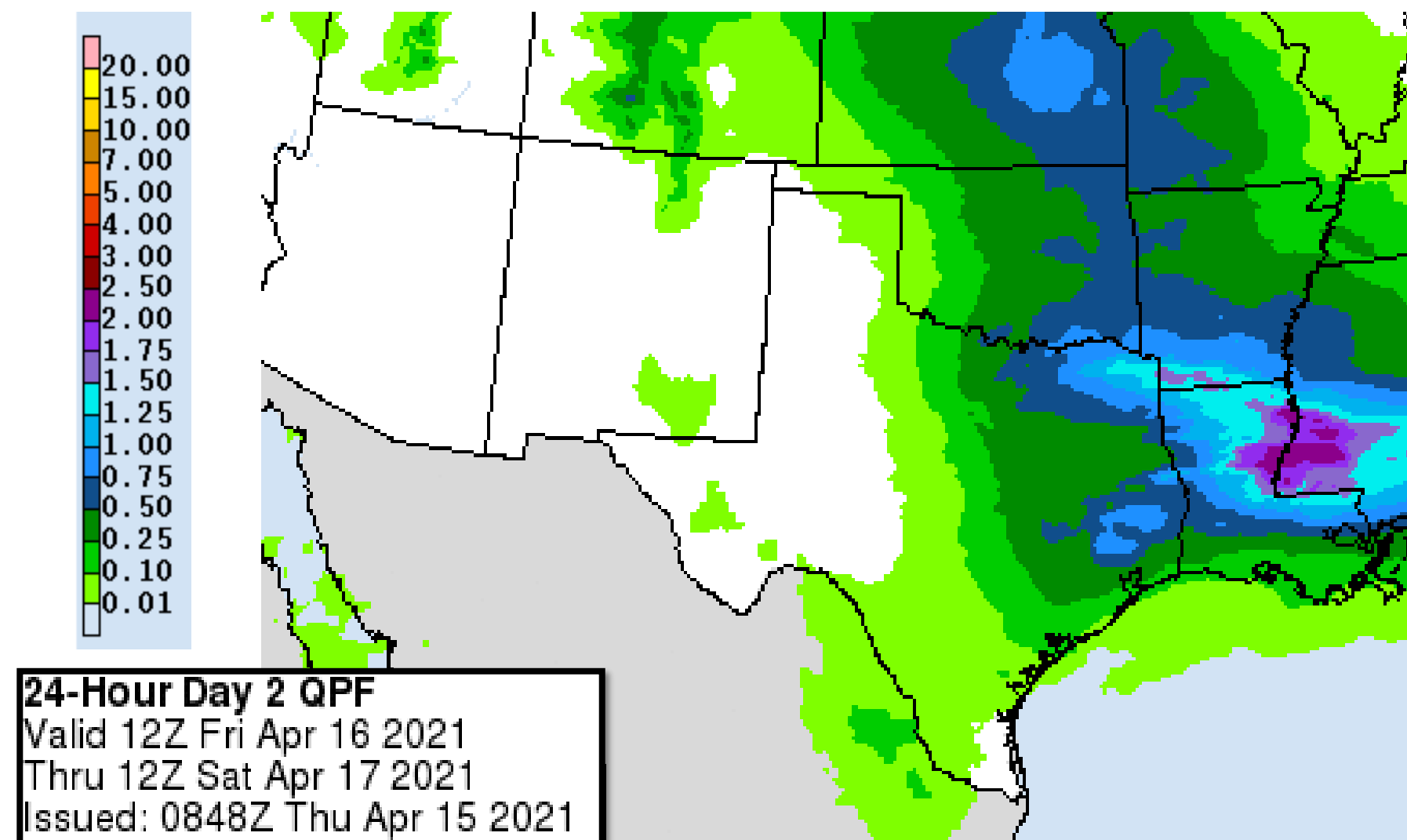


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Forecast Chart



Forecast Rainfall

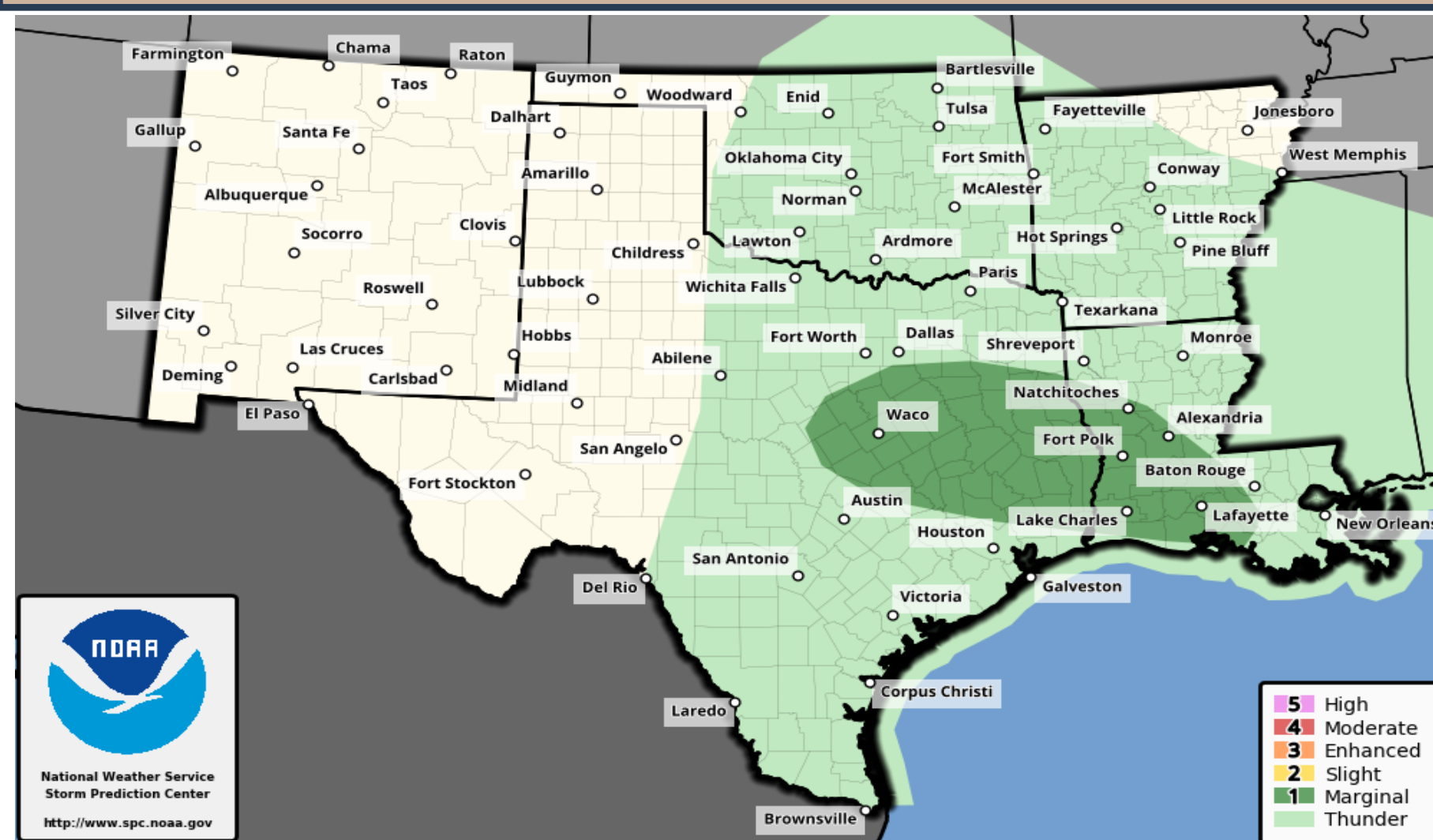


Areas of heavy rain/flash flooding for LA.

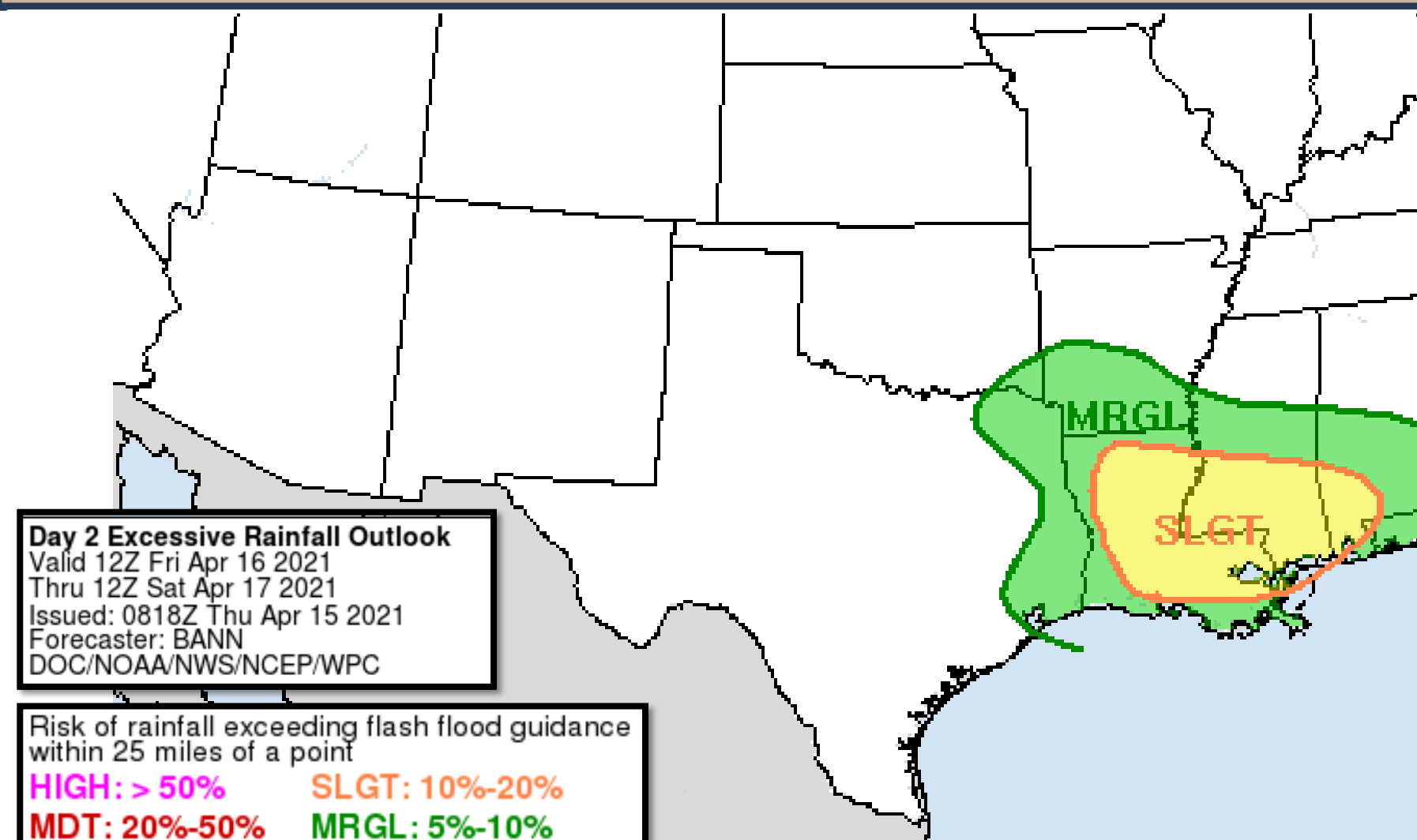
Isolated heavy rain/flash flooding possible for ETX, SE OK, SAR.

Isolated strong to severe storms possible for central/E TX into LA. Damaging winds and hail are the main threats.

Severe Weather Outlook

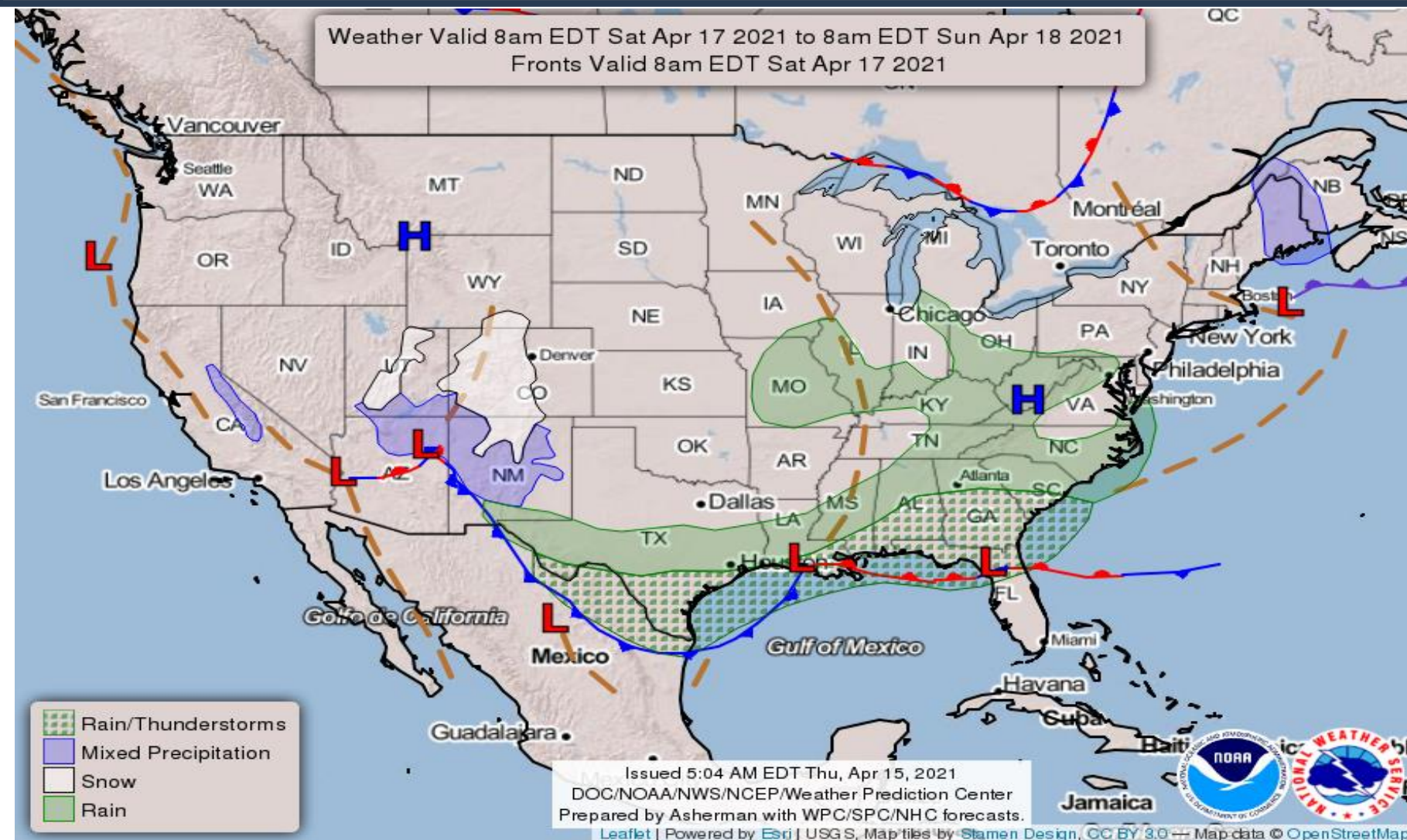


Excessive Rainfall Outlook

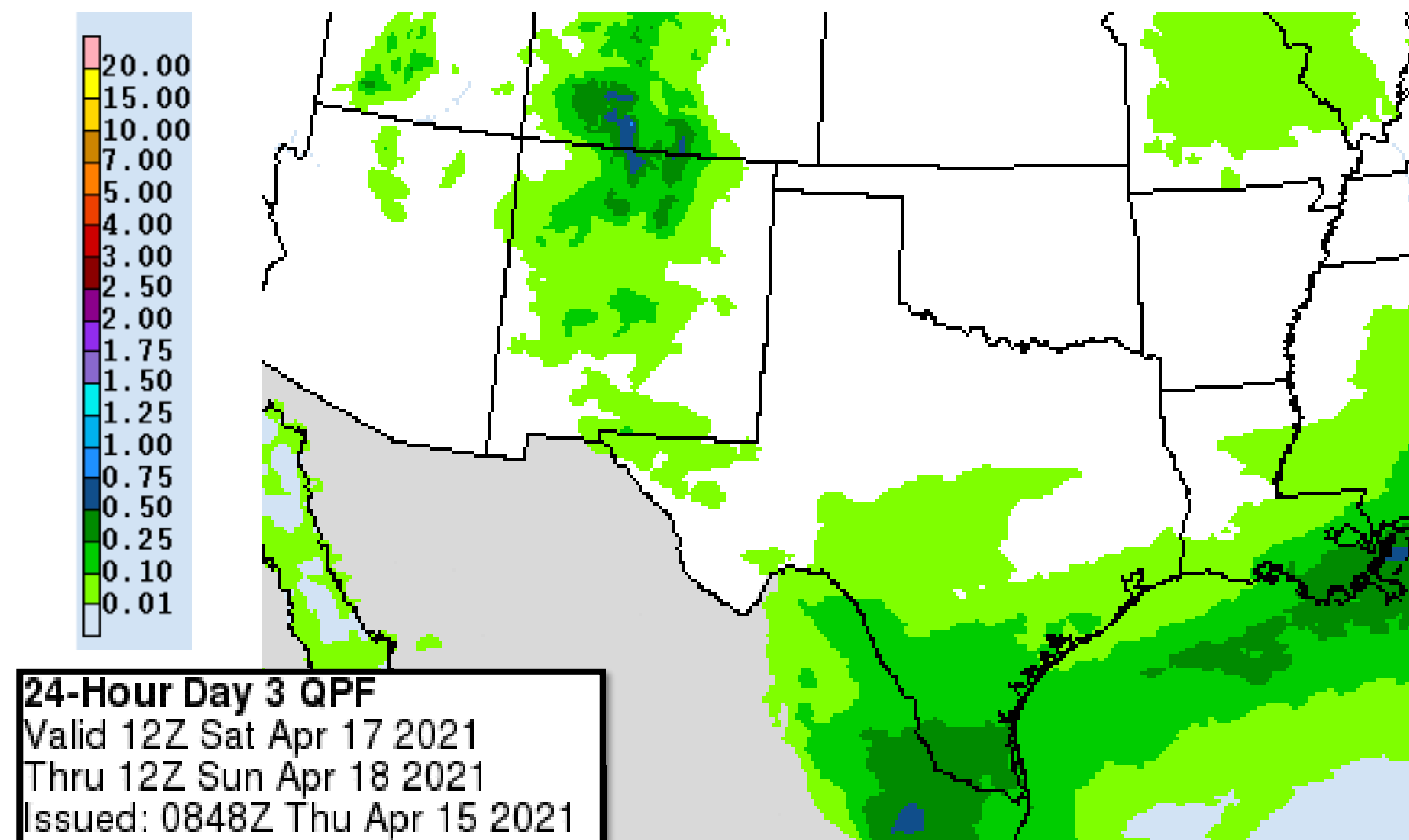


Saturday's Weather

Forecast Chart



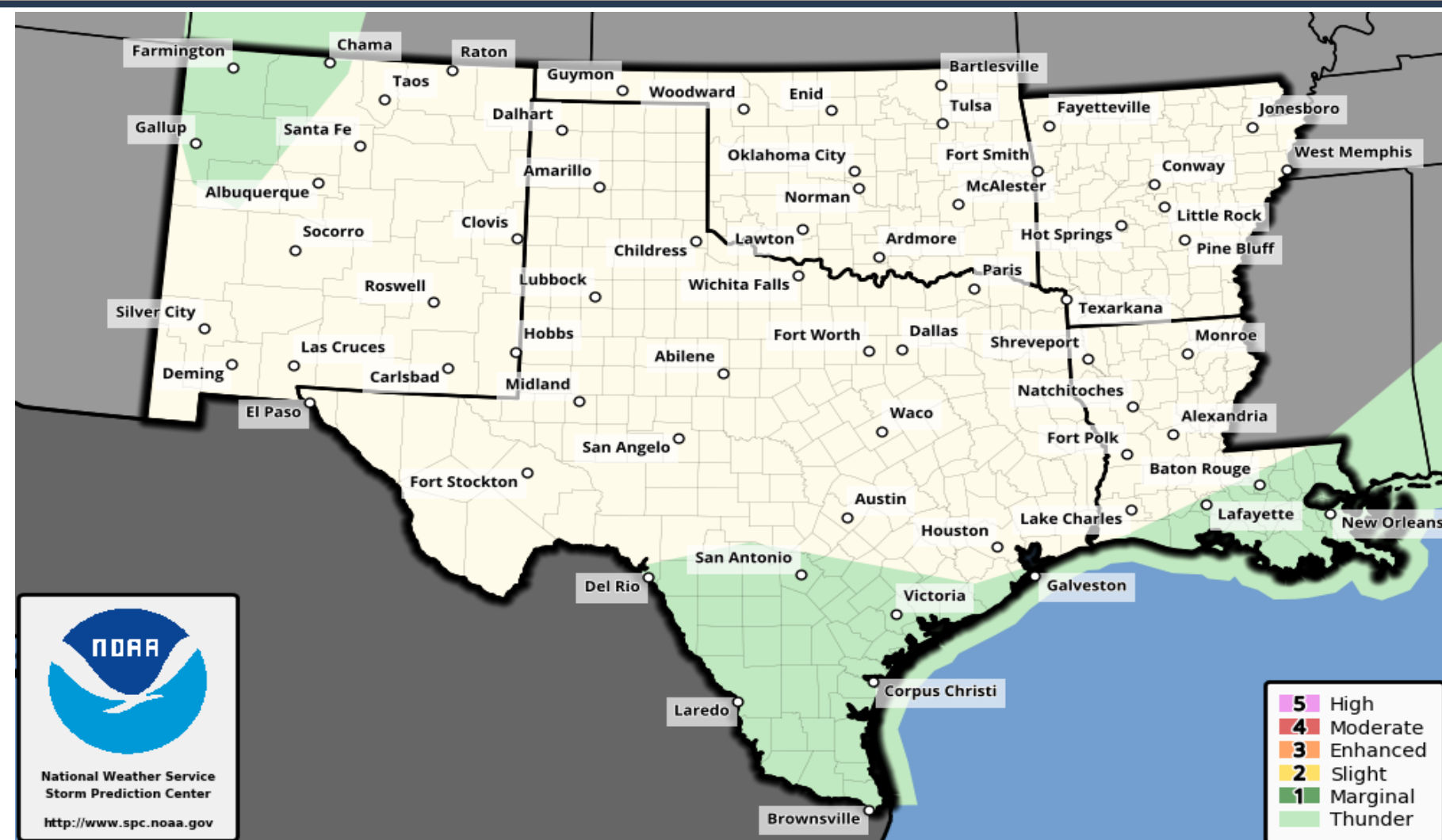
Forecast Rainfall



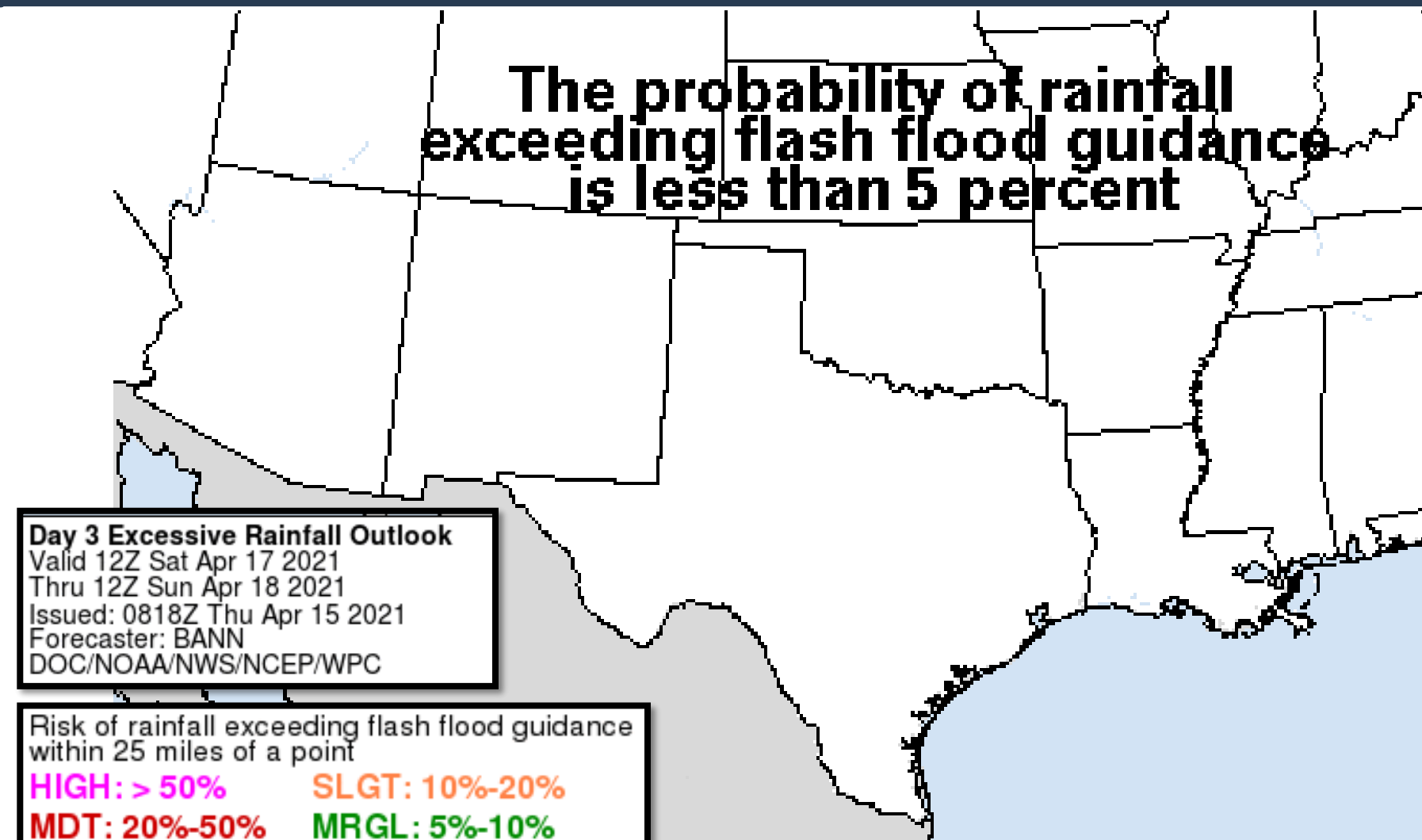
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No significant weather
expected.

Severe Weather Outlook



Excessive Rainfall Outlook



Days 4-5 Weather Hazards

Sunday - Monday



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No significant weather expected.

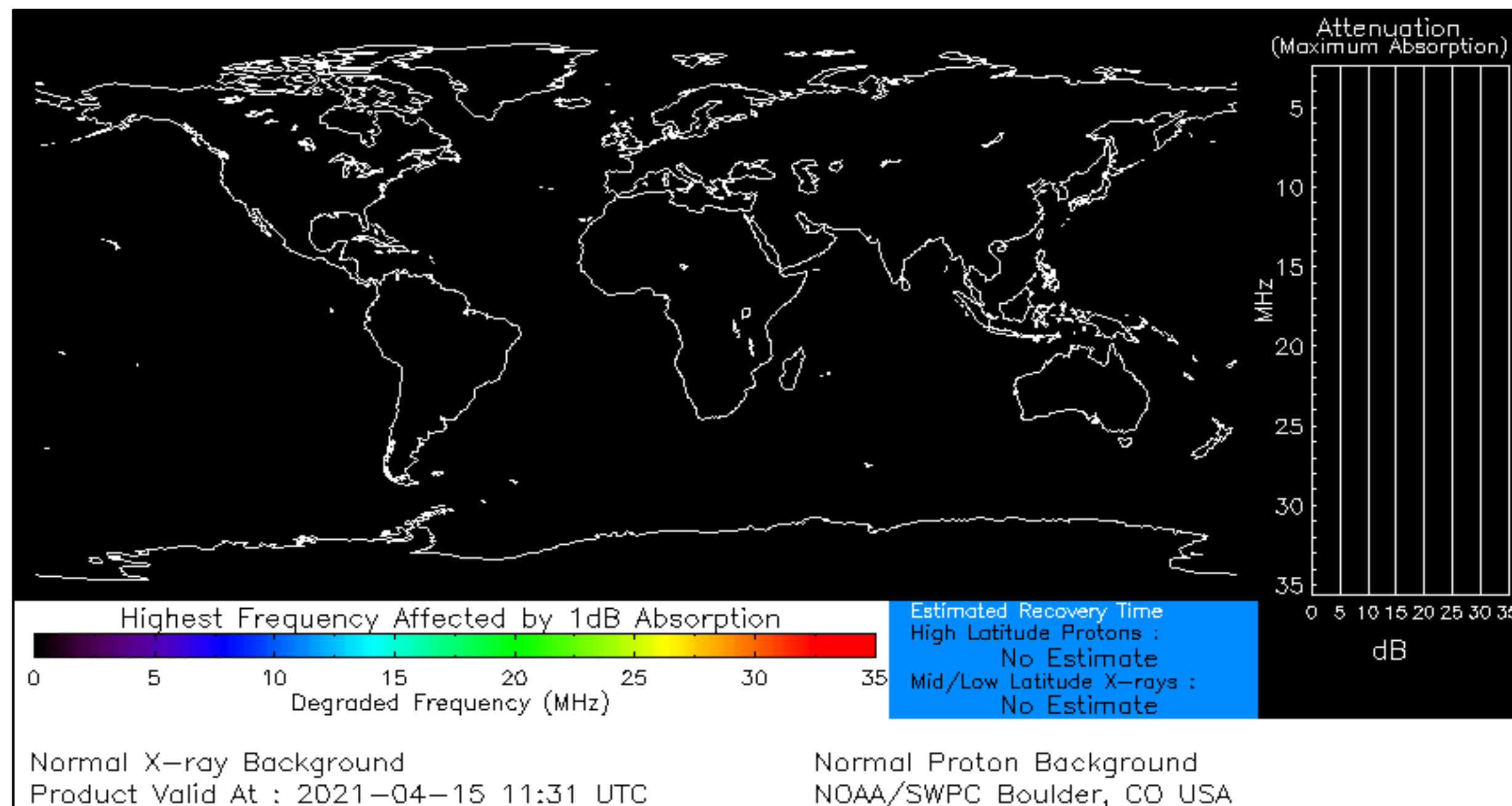


Space Weather 3-Day Forecast



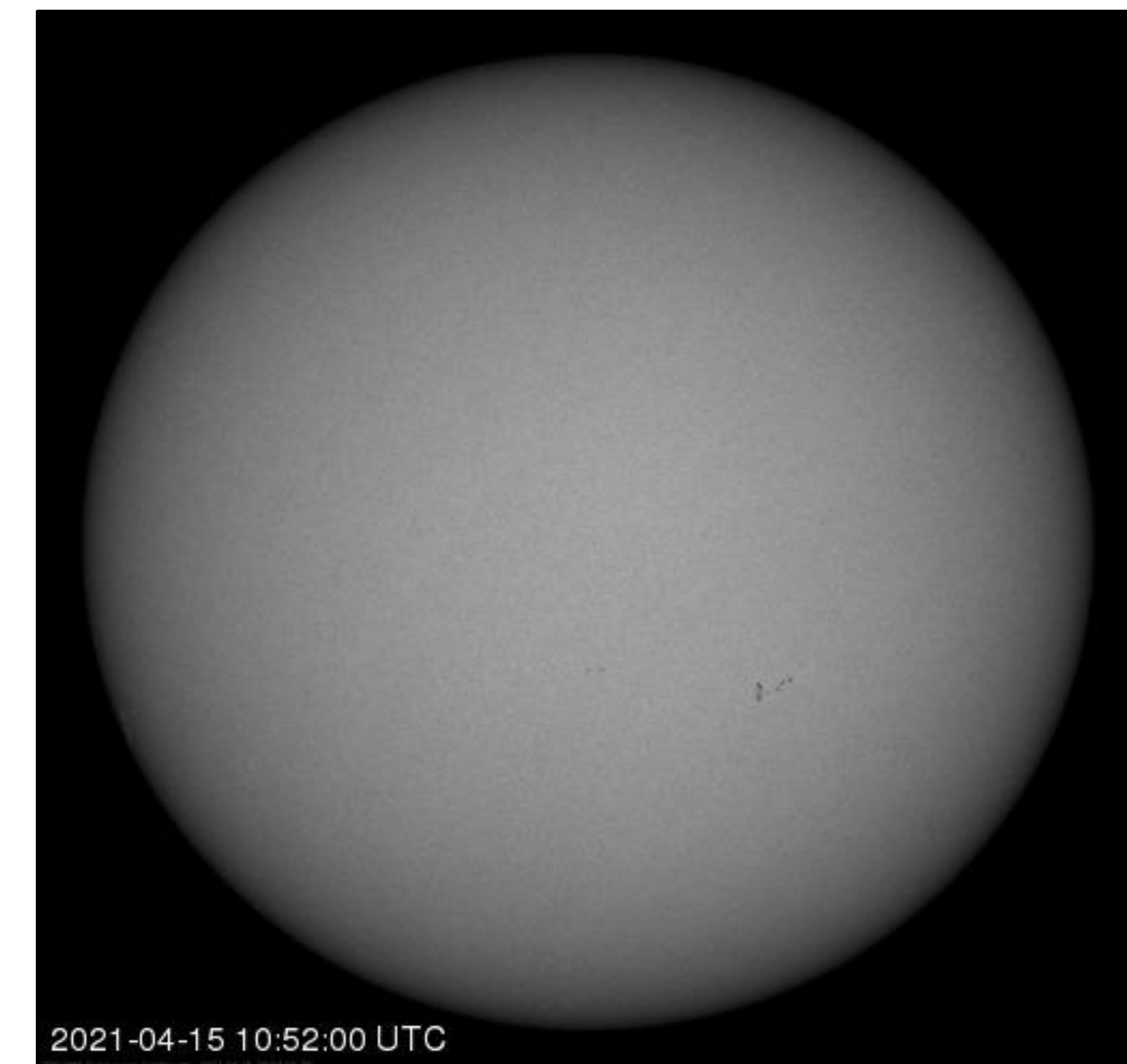
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	Thursday	Friday	Saturday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Minor (G1) Storm (Max Kp = 5)	Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a
Description of the Space
Weather Storm Scales](#)

[Click here for the Latest
3-Day Space Weather
Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov